

IN THE SPECIFICATION

Please amend the specification as follows:

Please replace the first full paragraph on page 2 (beginning at line 7, after the heading "Cross Reference to Related Applications") with the following:

The present application claims priority from U.S. Patent Application No. 09/916,628 for ON-DEMAND OVERLAY ROUTING FOR COMPUTER-BASED COMMUNICATION NETWORKS filed July 27, 2001, now U.S. Patent No. 6,778,502, issued August 17, 2004; which claims priority from U.S. Patent Application No. 09/886,966 for ON-DEMAND OVERLAY ROUTING FOR COMPUTER-BASED COMMUNICATION NETWORKS filed June 25, 2001, now U.S. Patent No. 6,473,405 issued October 29, 2002 which claims priority from U.S. Patent Application No. 09/336,487 for ON-DEMAND OVERLAY ROUTING FOR COMPUTER-BASED COMMUNICATION NETWORKS filed June 18, 1999, now U.S. Patent No. 6,275,470 issued August 24, 2001, the entirety of each of these applications is incorporated herein by reference for all purposes.